(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 28.02.2001 Bulletin 2001/09

(51) Int. Cl.⁷: **F02F 7/00**

(11)

(43) Date of publication A2: 12.04.2000 Bulletin 2000/15

(21) Application number: 99202955.3

(22) Date of filing: 10.09.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 09.10.1998 GB 9822016

(71) Applicants:

Cummins Engine Company, Ltd.
 Darlington, County Durham DL1 4PW (GB)

Iveco (UK) Ltd.
 Watford, Hertfordshire WD1 1SR (GB)

• NEW HOLLAND U.K. LIMITED Basildon, Essex SS14 3AD (GB)

(72) Inventors:

Pierro, Enzo
 Nr. Abingdon, Oxon OX14 4LU (GB)

 Rossi, Elio 10019 Strambino (Torino) (IT)

(74) Representative:

Vandenbroucke, Alberic et al New Holland Belgium NV. Patent Department Leon Claeysstraat, 3A 8210 Zedelgem (BE)

(54) Engine block

(57) An engine block is described having at one end a lateral flange 12 formed with an aperture 24 for mounting of an ancillary unit such as a pump 16. An adapter plate 30 is mounted on the end face of the lateral flange to overlie the aperture 24 for the ancillary unit 16, the surface of the adapter plate facing the aperture 24 being machined to mate, when in use, with the ancillary unit 16 disposed on the other side of the flange 12 and secured to the adapter plate 30 through the aperture 24 in the lateral flange.

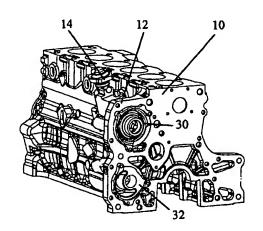


Fig. 3



EUROPEAN SEARCH REPORT

Application Number EP 99 20 2955

Category	Citation of document with indicat of relevant passages	ion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
X A	DE 196 23 774 A (AUDI 2 January 1998 (1998-0 * figures 1,2 * * abstract * * claims 1-3 * * column 2, line 7 - 1	1-02)	1-4,8	F02F7/00		
A	GB 2 026 599 A (LUCAS 6 February 1980 (1980- * figure 1 * * abstract * * claims 1-5 *	- INDUSTRIES LTD) 02-06)	1-6			
A	US 5 458 100 A (NEUENF) 17 October 1995 (1995- * figure 1 * * abstract * * column 2, line 21 - * claims 1-10 *	10-17)	1-6,9			
				TECHNICAL FIELDS		
				FO2F		
	The present search report has been d	rawn up for all claims				
	Place of search	Date of completion of the search		Examiner		
	THE HAGUE	8 January 2001	Was	senaar, G		
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure		E : earlier patent doc after the filing date D : document cited in	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons A: member of the same patent family, corresponding			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 20 2955

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

08-01-2001

Patent document cited in search repo	ort	Publication date		Patent family member(s)	Publication date
DE 19623774	A	02-01-1998	NON		
GB 2026599	A	06-02-1980	ES FR JP US	482036 A 2431626 A 55017686 A 4280454 A	01-10-1980 15-02-1980 07-02-1980 28-07-1981
US 5458100	Α	17-10-1995	CA	2153719 A	11-05-1996

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82